ONEIDA INDIAN NATION

MICHAEL J. MASSENA
ENVIRONMENTAL MANAGER

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ONEIDA INDIAN NATION HOMELANDS

March 4, 2025

Mr. Umesh Dholakia
USEPA Region II
Air Permitting Branch
290 Broadway
New York, New York 1007-1866

Re: Turning Stone Resort & Casino Part 71 Permit Renewal

Dear Mr. Dholakia:

In accordance with the provisions of Title V of the Clean Air Act and 40 CFR Part 71, enclosed please find the application for the renewal of Permit # ONEIDA003 for the Turning Stone Resort Casino in Verona, New York.

Should you have any questions, feel free to call me at your convenience at (315) 366-9647.

Very truly yours,

ONEIDA INDIAN NATION

Michael J. Massena, PE
Environmental Manager

Cc: Meghan Beakman – Oneida Indian Nation

EPA United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)
GENERAL INFORMATION AND SUMMARY (GIS)

A. Mailing Address and Contact Information

Facility name Turning Stone Resort and Casino

Mailing address: Street or P.O. Box 5218 Patrick Road

City Verona State NY ZIP 13478 -

Contact person: Michael Massena Title Environmental Manager

Telephone (315) 366 - 9647 Ext.

Facsimile ( ) -

B. Facility Location

Temporary source? Yes X No Plant site location 5218 Patrick Road

City Verona State NY County Oneida EPA Region 2

Is the facility located within:

Indian lands? X YES NO An offshore source in federal waters? YES X NO

Non-attainment area? YES X NO If yes, for what air pollutants?

Within 50 miles of affected State? YES X NO If yes, What State(s)?

C. Owner

Name Oneida Indian Nation Street/P.O. Box 5218 Patrick Road

City Verona State NY ZIP 13478 -

Telephone (315) 361 - 7711 Ext

D. Operator

Name Turning Stone Resort & Casino Street/P.O. Box 5218 Patrick Road

City Verona State NY ZIP 13478 -

Telephone (315) 361 - 7711 Ext

E. Application Type

Mark only one permit application type and answer the supplementary question appropriate for the type marked.

___Initial Permit _X_ Renewal ___ Significant Mod ___ Minor Permit Mod(MPM)

___ Group Processing, MPM ___ Administrative Amendment

For initial permits, when did operations commence? _____ /_____ /_____

For permit renewal, what is the expiration date of current permit? _____/____/_____

F. Applicable Requirement Summary

Mark the types of applicable requirements that apply:

___ SIP _X_ FIP/TIP ___ PSD ___Non-attainment NSR

_X_ Minor source NSR ___ Section 111 ___ Phase I acid rain ___Phase II acid rain

___ Stratospheric ozone ___ OCS regulations ___ NESHAP ___ Sec. 112(d) MACT

___ Sec. 112(g) MACT ___ Early reduction of HAP ___ Sec 112(j) MACT ___ RMP [Sec.112(r)]

___ Section 129 ___ NAAQS, increments or visibility but for temporary sources (This is rare)

Is the source subject to the Deepwater Port Act? ___YES _X_NO

Has a risk management plan been registered? ___YES _X_NO Agency _____

Phase II acid rain application submitted? ___YES _X__NO If YES, Permitting Authority _____

G. Source-Wide PTE Restrictions and Generic Applicable Requirements

Cite and describe any emissions-limiting requirements and/or facility-wide "generic" applicable requirements.

None

H. Process Description

List processes, products, and SIC codes for the facility.

Process	Products	SIC
Casino Hotels	Not Applicable	7011

I. Emission Unit Identification

Assign an emissions unit ID and describe each emissions unit at the facility. Control equipment and/or alternative operating scenarios associated with emissions units should by listed on a separate line. Applicants may exclude from this list any insignificant emissions units or activities.

Emissions Unit ID	Description of Unit
ES-001	GAS TURBINE GENERATOR: GT-001
ES-002	NATURAL GAS FIRED AND #2 FUEL OIL FIRED BOILER: BL-001
ES-003	NATURAL GAS FIRED AND #2 FUEL OIL FIRED BOILER: BL-002
ES-004	NATURAL GAS FIRED BOILERS: BL-003 AND BL-004
ES-005	LARGE EMERGENCY GENERATORS (>600Hp): GL-001, GL-003 THRU GL-006
ES-006	SMALL EMERGENCY GENERATORS (<600Hp): GS-001 THRU GS-004

J. Facility Emissions Summary

Enter potential to emit (PTE) for the facility as a whole for each regulated air pollutant listed below. Enter the name of the single HAP emitted in the greatest amount and its PTE. For all pollutants, stipulations to major source status may be indicated by entering "major" in the space for PTE. Indicate the total actual emissions for fee purposes for the facility in the space provided. Applications for permit modifications need not include actual emissions information.

NOx 159.42 tons/yr VOC 14.60 tons/yr SO2 88.38 tons/yr

PM-10 21.40 tons/yr CO 88.08 tons/yr Lead _____ tons/yr

Total HAP _____ tons/yr

Single HAP with greatest amount _____ PTE _____ tons/yr

Total of regulated pollutants (for fee calculation), Sec. F, line 5 of form FEE 47 tons/yr

K. Existing Federally-Enforceable Permits

Permit number(s) _____ Permit type _____ Permitting authority _____

Permit number(s) _____ Permit type _____ Permitting authority _____

L. Emission Unit(s) Covered by General Permits

Emission unit(s) subject to general permit _____

Check one: ___ Application made ___ Coverage granted

General permit identifier _____ Expiration Date ____/____/____

M. Cross-referenced Information

Does this application cross-reference information? ___ YES _X_ NO (If yes, see instructions)

INSTRUCTIONS FOLLOW

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ES-001 Description GAS TURBINE: GT-001

SIC Code (4-digit) 7011 SCC Code

B. Emissions Unit Description

Primary use POWER GENERATION Temporary Source ___Yes _X_No

Manufacturer SOLAR TURBINES Model No. TAURUS 60-7800S

Serial Number Installation Date ___/___/ 2004

Boiler Type: ___ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) UNFIRED HEAT RECOVERY STEAM GENERATOR

Boiler horsepower rating Boiler steam flow (lb/hr) 28,000

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input 59.86 MM BTU/hr Max. Design Heat Input 70.02 MM BTU/hr

C. Fuel Data

NONE

Primary fuel type(s) NATURAL GAS Standby fuel type(s) NONE

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
NATURAL GAS			1,000 BTU/SCF

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
NATURAL GAS		70,020 CF (59.86 MMBTU)	524.374 ($MMFT^3$) 524,374 MMBTU)

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID ES-001

B. Identification and Quantification of Emissions

For each emissions unit identified above, list each regulated air pollutant or other pollutant for which the source is major, then list any other regulated pollutant (for fee calculation) not already listed. HAP may be simply listed as "HAP." Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives for fee purposes. See instructions concerning GHGs. Values should be reported to the nearest tenth (0.1) of a ton for yearly values or tenth (0.1) of a pound for hourly values.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
NOx	6.28	4.90	18.35	
SO_2	0.93	0.24	0.89	
PM	11.47	2.94	11.01	
VOC	3.01	0.77	2.88	
CO	NA	4.90	18.35	

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ___ES-002___ Description___NATURAL GAS FIRED BOILER: BL-001___

SIC Code (4-digit) ___7011___ SCC Code_____

B. Emissions Unit Description

Primary use ___STEAM GENERATION___ Temporary Source ___Yes _X_No

Manufacturer __CLEAVER BROOKS___ Model No. ___CEW-LN-200-800-200___

Serial Number ___0L102861___ Installation Date__12__/__15__/__2003__

Boiler Type: ___ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating____800___ Boiler steam flow (lb/hr)____26,800_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input ___33,475____MM BTU/hr

C. Fuel Data

NONE

Primary fuel type(s) NATURAL GAS Standby fuel type(s) #2 FUEL OIL

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
NATURAL GAS			1,000 BTU/SCF
#2 FUEL OIL	0.5%		142,000 BTU/SCF

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
NATURAL GAS		33,475 CF (33.475 MMBTU)	293.241 ($MMFT^3$) (293,241 MMBTU)
#2 FUEL OIL		236 GAL	2,065,077 GAL

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID ES-002

B. Identification and Quantification of Emissions

For each emissions unit identified above, list each regulated air pollutant or other pollutant for which the source is major, then list any other regulated pollutant (for fee calculation) not already listed. HAP may be simply listed as "HAP." Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives for fee purposes. See instructions concerning GHGs. Values should be reported to the nearest tenth (0.1) of a ton for yearly values or tenth (0.1) of a pound for hourly values.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
NOx	0.47	6.36	27.86	
SO_2	0.71	17.24	75.51	
PM	0.09	0.80	3.52	
VOC	0.14	1.00	4.40	
CO	NA	3.65	15.98	

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ___ES-003___ Description___NATURAL GAS FIRED BOILER: BL-002___

SIC Code (4-digit) ___7011___ SCC Code_____

B. Emissions Unit Description

Primary use ___STEAM GENERATION___ Temporary Source ___Yes _X_No

Manufacturer __CLEAVER BROOKS___ Model No. ___CEW-LN-200-800-200___

Serial Number ___0L102862___ Installation Date__12__/__15__/__2003__

Boiler Type: __X__ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____800_____ Boiler steam flow (lb/hr)____26,800_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input ___33,475____MM BTU/hr

C. Fuel Data

NONE

Primary fuel type(s) NATURAL GAS Standby fuel type(s) #2 FUEL OIL

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
NATURAL GAS			1,000 BTU/SCF
#2 FUEL OIL	0.5%		142,000 BTU/SCF

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
NATURAL GAS		33,475 CF (33.475 MMBTU)	293.241 ($MMFT^3$) (293,241 MMBTU)
#2 FUEL OIL		236 GAL	2,065,077 GAL

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

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Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID ES-003

B. Identification and Quantification of Emissions

For each emissions unit identified above, list each regulated air pollutant or other pollutant for which the source is major, then list any other regulated pollutant (for fee calculation) not already listed. HAP may be simply listed as "HAP." Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives for fee purposes. See instructions concerning GHGs. Values should be reported to the nearest tenth (0.1) of a ton for yearly values or tenth (0.1) of a pound for hourly values.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
NOx	0.75	6.36	27.86	
SO_2	1.85	17.24	75.51	
PM	0.11	0.80	3.52	
VOC	0.14	1.00	4.40	
CO	NA	3.65	15.98	

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ES-004 Description NATURAL GAS FIRED BOILER: BL-003

SIC Code (4-digit) 7011 SCC Code

B. Emissions Unit Description

Primary use STEAM GENERATION Temporary Source ___Yes _X_No

Manufacturer CLEAVER BROOKS Model No. CB1-700-500-125

Serial Number 0L094386 Installation Date 12 / 15 / 2003

Boiler Type: _X__ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating 500 Boiler steam flow (lb/hr) 16,700

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input 40.824 MM BTU/hr

C. Fuel Data

NONE

Primary fuel type(s) NATURAL GAS Standby fuel type(s) _____

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
NATURAL GAS			1,000 BTU/SCF

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
NATURAL GAS		40,824 CF (40.824 MMBTU)	357.618 ($MMFT^3$) (357,618 MMBTU)

E. Associated Air Pollution Control Equipment

Emissions unit ID _____ Device type _____

Air pollutant(s) Controlled _____ Manufacturer _____

Model No. _____ Serial No. _____

Installation date ____/____/_____ Control efficiency (%) _____

Efficiency estimation method _____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____.____ Inside stack diameter (ft) _____.____

Stack temp (°F) _____.____ Design stack flow rate (ACFM) _____.____

Actual stack flow rate (ACFM) _____.____ Velocity (ft/sec) _____.____

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ES-004 Description NATURAL GAS FIRED BOILER: BL-004

SIC Code (4-digit) 7011 SCC Code

B. Emissions Unit Description

Primary use STEAM GENERATION Temporary Source ___Yes _X_No

Manufacturer CLEAVER BROOKS Model No. CB1-700-500-125

Serial Number 0L094387 Installation Date 12 / 15 / 2003

Boiler Type: _X_ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating 500 Boiler steam flow (lb/hr) 16,700

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input 40.824 MM BTU/hr

C. Fuel Data

NONE

Primary fuel type(s) NATURAL GAS Standby fuel type(s)_____

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
NATURAL GAS			1,000 BTU/SCF

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
NATURAL GAS		40,824 CF (40,824 MMBTU)	357.618 ($MMFT^3$) (357,618 MMBTU)

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID ES-004

B. Identification and Quantification of Emissions

For each emissions unit identified above, list each regulated air pollutant or other pollutant for which the source is major, then list any other regulated pollutant (for fee calculation) not already listed. HAP may be simply listed as "HAP." Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives for fee purposes. See instructions concerning GHGs. Values should be reported to the nearest tenth (0.1) of a ton for yearly values or tenth (0.1) of a pound for hourly values.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
NOx	8.77	4.08	17.88	
SO_2	0.09	0.02	0.11	
PM	0.67	0.31	1.36	
VOC	0.48	0.22	0.98	
CO	NA	3.43	15.02	

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ___ES-005___ Description___LARGE EMERGENCY GENERATOR: GL-001__

SIC Code (4-digit) ___7011___ SCC Code_____

B. Emissions Unit Description

Primary use ____EMERGENCY POWER GENERATION__ Temporary Source ___Yes _X_No

Manufacturer __CUMMINS_____ Model No. ____1500 DFLE____

Serial Number _____ Installation Date____/____/___

Boiler Type: ___ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input ___14.71____MM BTU/hr

C. Fuel Data

NONE

Primary fuel type(s) DIESEL FUEL Standby fuel type(s)_____

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	1,738.8 GALLONS	103.5 GALLONS	103,500 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

EPA United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ___ES-005___ Description___LARGE EMERGENCY GENERATOR: GL-003__

SIC Code (4-digit) ___7011___ SCC Code_____

B. Emissions Unit Description

Primary use ____EMERGENCY POWER GENERATION__ Temporary Source ___Yes _X_No

Manufacturer __CATERPILLAR_____ Model No. ____3412C___

Serial Number _____ Installation Date____/____/___

Boiler Type: ___ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input ___4.75____MM BTU/hr

C. Fuel Data

NONE

Primary fuel type(s) DIESEL FUEL Standby fuel type(s)_____

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	636.5 GALLONS	33.5 GALLONS	33,500 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ___ES-005___ Description___LARGE EMERGENCY GENERATOR: GL-004___

SIC Code (4-digit) ___7011___ SCC Code_____

B. Emissions Unit Description

Primary use ____EMERGENCY POWER GENERATION__ Temporary Source ___Yes _X_No

Manufacturer __DETROIT DIESEL_____ Model No. ____1500DSEB___

Serial Number _____ Installation Date____/____/___

Boiler Type: ___ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input ___14.61____MM BTU/hr

C. Fuel Data

NONE

Primary fuel type(s) DIESEL FUEL Standby fuel type(s)_____

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	2,160.9 GALLONS	102.9 GALLONS	102,900 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

EPA United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ___ES-005___ Description___LARGE EMERGENCY GENERATOR: GL-005__

SIC Code (4-digit) ___7011___ SCC Code_____

B. Emissions Unit Description

Primary use ____EMERGENCY POWER GENERATION__ Temporary Source ___Yes _X_No

Manufacturer __CUMMINS_____ Model No. ____500DFEK___

Serial Number _____ Installation Date____/____/___

Boiler Type: ___ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input ___4.93____MM BTU/hr

C. Fuel Data

NONE

Primary fuel type(s) DIESEL FUEL Standby fuel type(s)_____

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	694 GALLONS	34.7 GALLONS	34,700 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ___ES-005___ Description___LARGE EMERGENCY GENERATOR: GL-006___

SIC Code (4-digit) ___7011___ SCC Code_____

B. Emissions Unit Description

Primary use ____EMERGENCY POWER GENERATION__ Temporary Source ___Yes _X_No

Manufacturer __CUMMINS_____ Model No. ____GFGA___

Serial Number _____ Installation Date__6__/__1__/_2013__

Boiler Type: ___ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input ___5.89____MM BTU/hr

C. Fuel Data

NONE

Primary fuel type(s) NATURAL GAS Standby fuel type(s)_____

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
NATURAL GAS			1,000 BTU/CF

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
NATURAL GAS	106,000 CUBIC FEET	5,890 CUBIC FEET	5,890,000 CUBIC FEET

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID ES-005

B. Identification and Quantification of Emissions

For each emissions unit identified above, list each regulated air pollutant or other pollutant for which the source is major, then list any other regulated pollutant (for fee calculation) not already listed. HAP may be simply listed as "HAP." Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives for fee purposes. See instructions concerning GHGs. Values should be reported to the nearest tenth (0.1) of a ton for yearly values or tenth (0.1) of a pound for hourly values.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
NOx	1.19	125.20	62.60	
SO_2	0.19	19.80	9.90	
PM	0.03	4.20	2.10	
VOC	0.03	3.60	1.80	
CO	NA	33.60	16.80	

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ___ES-006___ Description___SMALL EMERGENCY GENERATOR: GS-001__

SIC Code (4-digit) ___7011___ SCC Code_____

B. Emissions Unit Description

Primary use ____EMERGENCY POWER GENERATION__ Temporary Source ___Yes _X_No

Manufacturer __ELLIOT MAGNETEK_____ Model No. ____300 RD____

Serial Number _____ Installation Date____/____/___

Boiler Type: ___ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input ___2.93____MM BTU/hr

C. Fuel Data

NONE

Primary fuel type(s) DIESEL FUEL Standby fuel type(s)_____

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	107.1 GALLONS	20.6 GALLONS	20,600 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ___ES-006___ Description___SMALL EMERGENCY GENERATOR: GS-002__

SIC Code (4-digit) ___7011___ SCC Code_____

B. Emissions Unit Description

Primary use ____EMERGENCY POWER GENERATION__ Temporary Source ___Yes _X_No

Manufacturer __DETROIT DIESEL_____ Model No. ____350 DSE____

Serial Number _____ Installation Date____/____/___

Boiler Type: ___ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input ___3.62____MM BTU/hr

C. Fuel Data

NONE

Primary fuel type(s) DIESEL FUEL Standby fuel type(s)_____

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	433.5 GALLONS	25.5 GALLONS	25,500 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ___ES-006___ Description___SMALL EMERGENCY GENERATOR: GS-003__

SIC Code (4-digit) ___7011___ SCC Code_____

B. Emissions Unit Description

Primary use ___EMERGENCY POWER GENERATION__ Temporary Source ___Yes _X_No

Manufacturer __ONAN_____ Model No. ____175 DGFB____

Serial Number _____ Installation Date____/____/___

Boiler Type: ___ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input ___1.87____MM BTU/hr

C. Fuel Data

NONE

Primary fuel type(s) DIESEL FUEL Standby fuel type(s)_____

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	246.8 GALLONS	13.2 GALLONS	13,200 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID_____ Device type_____

Air pollutant(s) Controlled_____ Manufacturer_____

Model No._____ Serial No._____

Installation date_____/_____/_____ Control efficiency (%) _____

Efficiency estimation method_____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

EPA United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)

EMISSION UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES (EUD-1)

A. General Information

Emissions unit ID ___ES-006___ Description___SMALL EMERGENCY GENERATOR: GS-004__

SIC Code (4-digit) ___7011___ SCC Code_____

B. Emissions Unit Description

Primary use ___EMERGENCY POWER GENERATION__ Temporary Source ___Yes _X_No

Manufacturer __KOHLER POWER SYSTEMS_____ Model No. ____300REOZV____

Serial Number _____ Installation Date____/____/___

Boiler Type: ___ Industrial boiler ___ Process burner ___ Electric utility boiler

Other (describe) _____

Boiler horsepower rating_____ Boiler steam flow (lb/hr)_____

Type of Fuel-Burning Equipment (coal burning only):

___ Hand fired ___Spreader stoker ___Underfeed stoker ___Overfeed stoker

___ Traveling grate ___Shaking grate ___Pulverized, wet bed ___ Pulverized, dry bed

Actual Heat Input _____MM BTU/hr Max. Design Heat Input ___3.07____MM BTU/hr

C. Fuel Data

NONE

Primary fuel type(s) DIESEL FUEL Standby fuel type(s) _____

Describe each fuel you expected to use during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (cf, gal., or lb.)
DIESEL FUEL	0.5%		142,000 BTU/GAL

D. Fuel Usage Rates

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
DIESEL FUEL	425.5 GALLONS	21.6 GALLONS	21,600 GALLONS

E. Associated Air Pollution Control Equipment

Emissions unit ID _____ Device type _____

Air pollutant(s) Controlled _____ Manufacturer _____

Model No. _____ Serial No. _____

Installation date ____/____/_____ Control efficiency (%) _____

Efficiency estimation method _____

F. Ambient Impact Assessment

This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit (this is not common).

Stack height (ft) _____._____ Inside stack diameter (ft) _____._____

Stack temp (°F) _____._____ Design stack flow rate (ACFM) _____._____

Actual stack flow rate (ACFM) _____._____ Velocity (ft/sec) _____._____

United States Environmental Protection Agency

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Federal Operating Permit Program (40 CFR Part 71)
EMISSION CALCULATIONS (EMISS)

Calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID ES-006

B. Identification and Quantification of Emissions

For each emissions unit identified above, list each regulated air pollutant or other pollutant for which the source is major, then list any other regulated pollutant (for fee calculation) not already listed. HAP may be simply listed as "HAP." Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives for fee purposes. See instructions concerning GHGs. Values should be reported to the nearest tenth (0.1) of a ton for yearly values or tenth (0.1) of a pound for hourly values.

Air Pollutants	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
NOx	0.42	55.20	27.60	
SO_2	0.03	3.60	1.82	
PM	0.04	3.80	1.94	
VOC	0.03	4.40	2.19	
CO	NA	11.80	5.95	

EPA United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)
POTENTIAL TO EMIT (PTE)

For each emissions unit at the facility, list the unit ID and the PTE of each air pollutant listed below and sum the values to determine the total PTE for the facility. It may be helpful to complete form **EMISS** before completing this form. Report each pollutant at each unit to the nearest tenth (0.1) of a ton; values may be reported with greater precision (i.e., more decimal places) if desired. Report facility total PTE for each listed pollutant on this form and in section **J** of form **GIS**. The HAP column is for the PTE of all HAPs for each unit. You may use an attachment to show any pollutants that may be present in major amounts that are not already listed on the form (this is not common).

Emissions Unit ID	Regulated Air Pollutants and Pollutants for which Source is Major (PTE in tons/yr)						
	NOx	VOC	SO2	PM10	CO	Lead	HAP
ES-001	18.35	2.88	0.89	11.01	18.35		
ES-002	27.86	4.40	75.51	3.52	15.98		
ES-003	27.86	4.40	75.51	3.52	15.98		
ES-004	17.88	0.98	0.11	1.36	15.02		
ES-005	62.60	1.80	9.90	2.10	16.80		
ES-006	27.60	2.19	1.82	1.94	5.95		
FACILITY TOTALS:	**182.15**	**16.65**	**163.74**	**23.45**	**88.08**		

Federal Operating Permit Program (40 CFR Part 71)
INSIGNIFICANT EMISSIONS (IE)

On this page list each insignificant activity or emission unit. In the "number" column, indicate the number of units in this category. Descriptions should be brief but unique. Indicate which emissions criterion of part 71 is the basis for the exemption.

Number	Description of Activities or Emissions Units	RAP (except HAP)	HAP
1	Cleaver Brooks Boiler (3.35 MMBTU/hr)	X	
1	Turbopower Model 1250-N-400-A-TP (1.0MMBTU/hr)	X	
11	Patterson Kelley SNM 200 (2.0 MMBTU/hr)	X	
2	Patterson – Kelley C-2000H/N2000-MFD (2.0 MMBTU/hr)	X	
4	Hydrotherm KN-20 (2.0 MMBTU/hr)	X	
1	Aerco Innovation 1060 (1.1 MMBTU/hr)	X	
1	Turbopower 1000-L-400A-TP (0.8 MMBTU/hr)	X	
1	AO Smith HW-399/420 (0.42 MMBTU/hr)	X	
2	Raypack H9-2342 (2.3 MMBTU/hr)	X	
2	Lochinvar CFN651PM (0.65 MMBTU/hr)	X	
2	Camus DRNW-2500-MSI (2.5 MMBTU/hr)	X	
2	AO Smith BTH300A (0.3 MMBTU/hr)	X	
1	AO Smith BTH199 (0.2 MMBTU/hr)	X	
1	Munchkin 399 (0.4 MMBTU/hr)	X	
1	Turbopower 2500L-400A-TP (2.0 MMBTU/hr)	X	
1	Bradford White EF 100T250E3NA2 (0.25 MMBTU/hr)	X	
1	Bradford White TW475576B3N (0.07 MMBTU/hr)	X	
1	AO Smith BTH250A (0.25 MMBTU/hr)	X	

Turning Stone Resort & Casino
Additional Emission Sources

Quantity	Description of Emission Unit	Estimated Emissions (tpy) per Unit	Total Emissions Tons/year	NOx 0.81	SO2 0.08	PM 0.06	VOC 0.05
1	Cleaver Brooks BHP Boiler	0.77	0.77	0.62	0.06	0.05	0.04
1	Turbopower Model 1250-N-400-A-TP	0.16	0.16	0.13	0.01	0.01	0.01
11	Patterson - Kelley Model SNM 200	0.31	3.41	2.76	0.27	0.20	0.17
2	Patterson - Kelley C-2000H/N2000-MFD	0.31	0.62	0.50	0.05	0.04	0.03
4	Hydrotherm KN-20	0.31	1.24	1.00	0.10	0.07	0.06
1	Aerco Innovation 1060	0.17	0.17	0.14	0.01	0.01	0.01
1	Turbopower Model 1000-L-400A-TP	0.12	0.12	0.10	0.01	0.01	0.01
1	AO Smith Model HW-399/420	0.07	0.07	0.06	0.01	0.00	0.00
2	Raypack Model H9-2342	0.36	0.72	0.58	0.06	0.04	0.04
2	Lochinvar CFN651PM	0.10	0.2	0.16	0.02	0.01	0.01
2	Camus PRNW-2500-MSI	0.39	0.78	0.63	0.06	0.05	0.04
2	AO Smith BTH300A	0.05	0.1	0.08	0.01	0.01	0.01
1	AO Smith BTH199	0.03	0.03	0.02	0.00	0.00	0.00
1	Munchkin 399	0.06	0.06	0.05	0.00	0.00	0.00
1	Turbopower 2500L-400A-TP	0.31	0.31	0.25	0.02	0.02	0.02
1	Bradford White EF 100T250E3NA2	0.04	0.04	0.03	0.00	0.00	0.00
1	Bradford White TW475576B3N	0.01	0.01	0.01	0.00	0.00	0.00
1	AO Smith BTH250A 966	0.04	0.04	0.03	0.00	0.00	0.00
	TOTAL		**8.85**	**7.17**	**0.71**	**0.53**	**0.44**

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)
ANNUAL COMPLIANCE CERTIFICATION (A-COMP)

A. GENERAL INFORMATION

Permit No. ONEIDA003

Reporting Period: Beg. 01 / 01 / 2024 End. 12 / 31 / 2024

Source / Company Name Oneida Indian Nation

Mailing Address: Street or P.O. Box 5218 Patrick Road

City Verona State NY ZIP 13478 -

Contact person Michael Massena Title Environmental Manager

Telephone (315) 366 - 9647 Ext.

Continued on next page

B. COMPLIANCE STATUS

Describe the compliance status of each permit term for the reporting period. Copy this page as many times as necessary to cover all permit terms and conditions.

Emission Unit ID(s): ES-001

Permit Term (Describe requirements and cross-reference) Permit # ONEIDA003 – Natural gas as fuel (40CFR 71.6(a)(1), NOx limited to 26.3 tons/yr (40 CFR Part 51, App S), 6.00 lbs./hr (40 CFR Part 51, App S and 40 CFR 60.332(a)(2), fuel quality recordkeeping, continuous monitoring, fuel usage monitoring

Compliance Methods for the Above (Description and Citation): Stack testing, recordkeeping for fuel source quality continuous monitoring

Status (Check one): ___ Intermittent Compliance _X_ Continuous Compliance

Emission Unit ID(s): ES-002, ES-003

Permit Term (Describe requirements and cross-reference) Permit #003 – Section IIC Natural gas or #2 Fuel Oil (40CFR 71.6(a)(1), heat input rate limited to 33.5 MMBTU/hr each, opacity monitoring (40 CFR 60.43c(c)), sulfur (40 CFR 60.42c(d)), fuel usage recordkeeping (40 CFR60.48(c)(g)

Compliance Methods for the Above (Description and Citation): Recordkeeping for all permit terms listed above

Status (Check one): ___ Intermittent Compliance _X_ Continuous Compliance

Emission Unit ID(s): ES-004

Permit Term (Describe requirements and cross-reference): Permit # ONEIDA003 – Natural gas as fuel (40CFR 71.6(a)(1), heat input rate limited to 20.4 MMBTU/hr

Compliance Methods for the Above (Description and Citation): Recordkeeping for all permit terms listed above

Status (Check one): ___ Intermittent Compliance _X_ Continuous Compliance

Emission Unit ID(s): ES-005, ES-006

Permit Term (Describe requirements and cross-reference): Permit ONEIDA003 – Section IID #2 fuel oil with maximum sulfur content of 0.5%, Maximum 1000 hrs/yr run time each (40 CFR 71.6 (a)(1), recordkeeping (40 CFR 71.6 (a)(1)

Compliance Methods for the Above (Description and Citation): Recordkeeping for all permit terms listed above

Status (Check one): ___ Intermittent Compliance _X_ Continuous Compliance

C. DEVIATIONS FROM PERMIT TERMS AND CONDITIONS

Report all deviations from permit terms (whether reported previously or not) that occurred during the permit term. Cross-reference deviations already reported in the six-month report. Indicate whether each deviation is a "possible exception to compliance." Start and end period of each deviation should be in mo/day/yr, hr:min format (24-hour clock). Also, specify the date when the written deviation report was submitted (If written report required, but not submitted, leave the date field blank).

Permit Term for Which There was a Deviation: Emission Units (unit IDs): Deviation Start _____/_____/_________ ____:____ End:_____/_____/_________ ____:____ Date Written Report Submitted ____/____/_______
Permit Term for Which There was a Deviation: Emission Units (unit IDs): Deviation Start _____/_____/_________ ____:____ End:_____/_____/_________ ____:____ Date Written Report Submitted ____/____/_______
Permit Term for Which There was a Deviation: Emission Units (unit IDs): Deviation Start _____/_____/_________ ____:____ End:_____/_____/_________ ____:____ Date Written Report Submitted ____/____/_______
Permit Term for Which There was a Deviation: Emission Units (unit IDs): Deviation Start _____/_____/_________ ____:____ End:_____/_____/_________ ____:____ Date Written Report Submitted ____/____/_______

United States Environmental Protection Agency

OMB No. 2060-0336, Expires 11/30/2025

Federal Operating Permit Program (40 CFR Part 71)
CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESS (CTAC)

This form must be completed, signed by the "Responsible Official" designated for the facility or emission unit, and sent with each submission of documents (i.e., application forms, updates to applications, reports, or any information required by a part 71 permit).

A. Responsible Official

Name: (Last) Massena (First) Michael (MI) ____

Title Environmental Manager

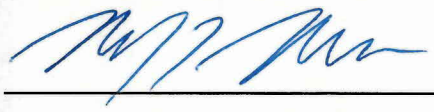
Street or P.O. Box 5218 Patrick Road

City Verona State NY ZIP 13478 - ____

Telephone (315) 366 - 9647 Ext. ____ Facsimile (____) ____ - ____

B. Certification of Truth, Accuracy and Completeness (to be signed by the responsible official)

I certify under penalty of law, based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.

Name (signed) 

Name (typed) Michael Massena Date: 3 / 4 / 2025